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Description of Canadian Patent Application 2,301,935



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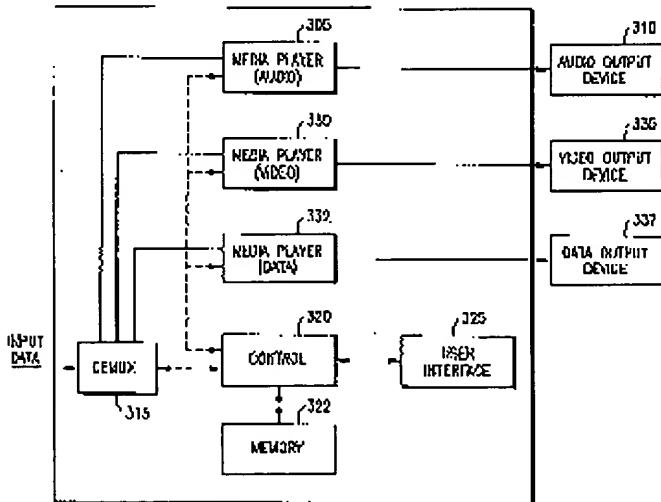
(12) Patent Application:

(11) CA 2301935

(54) STREAMING MEDIA CONTROL AND SYNCHRONIZATION APPLICATION PROGRAM INTERFACE (API) FOR A DIGITAL TELEVISION RECEIVER

(54) INTERFACE DE PROGRAMME D'APPLICATION DE COMMANDE ET DE SYNCHRONISATION D'INFORMATION EN CONTINU POUR UN RECEPTEUR DE TELEVISION NUMERIQUE

Representative Drawing:



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ABSTRACT:

A streaming media control and synchronization application program interface (API) for a digital television receiver. The API provides a simple alternative to the Java Media Framework for JavaTV and other television software environments, including the

Advanced Television Systems Committee Digital TV Application Software Environment (ATSC T3/S17 DASE), and the Digital Video Broadcast Multimedia Home

Platform (DVB MHP). This API enables playing back media, and controlling the playback. The API includes a media presentation control package, "MediaComponentPresenter," and a service presenter hierarchy. The API controls stopping, starting, suspending and resuming the presentation of the streaming audio and/or video at a media player, e.g., at a television set-top receiver. The API also provides a start method that attempts to synchronize the presentation of audio and/or video streams according to associated locators of the streams.

The

API also can take checkpoints of the audio and/or video as it is playing, where the checkpoints indicate temporal locations of the audio and/or video for initiating a rewind operation.

CLAIMS: [Show all claims](#)

*** Note: Data on abstracts and claims is shown in the official language in which it was submitted.

(72) <u>Inventors</u> (Country):	RAJAN, GANESH (United States) MEANDZIJA, BRANISLAV (United States)
(73) <u>Owners</u> (Country):	GENERAL INSTRUMENT CORPORATION (United States)
(71) <u>Applicants</u> (Country):	GENERAL INSTRUMENT CORPORATION (United States)
(74) <u>Agent</u> :	RIDOUT & MAYBEE LLP
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N/A

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